



# BAY BRIDGE NEWS

YOUR COMMUNITY, YOUR BRIDGE

CALTRANS BAY AREA TOLL AUTHORITY CALIFORNIA TRANSPORTATION COMMISSION

We're making history.

AUGUST 2012, ISSUE 30



## SAS CONSTRUCTION UPDATE



### SAS LOAD TRANSFER BEGINS

Workers have begun load transfer, the process of transferring the weight of the Self-Anchored Suspension Span (SAS) steel decks to the single main cable. The time- and labor- intensive process involves a series of phases, and will take about three months to complete. The operation began as crews used hydraulic jacks (which can exert up to 400 tons of force) to gradually tension the 200 suspender ropes

that will connect the main cable to the decks. Once 104 of the 200 ropes are tensioned, the deck will lift and compress and the bridge will become self-anchored and self-supporting. The remaining 96 ropes will help distribute the weight evenly amongst the ropes and main cable. For more information visit [BayBridgeInfo.org/projects/sas](http://BayBridgeInfo.org/projects/sas).

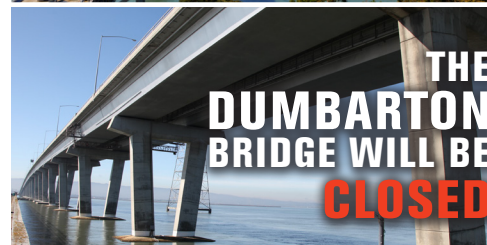
### GET A GREAT VIEW OF THE ACTION!

Safely view the construction at the Bay Bridge Interpretive Display located at the end of California Avenue on Treasure Island. For directions visit: [tinyurl.com/7x6fbkb](http://tinyurl.com/7x6fbkb)

### CONSTRUCTION CAMERAS

You can also see the live construction online at: [baybridgeinfo.org/construction-cams](http://baybridgeinfo.org/construction-cams)

## THIS LABOR DAY WEEKEND...

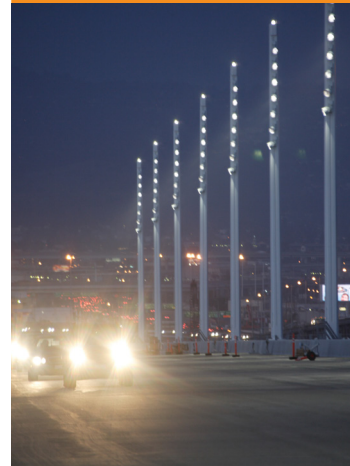


The Dumbarton Bridge will be closed to traffic for the second time this year during Labor Day weekend. This full bridge closure is necessary in order for crews to replace the existing expansion joint on the eastern side of the bridge at Pier 31 with a state-of-the-art seismic joint.

During the full bridge closure, detours include the San Mateo Bridge and Highway 237; motorists are encouraged to use **511** for trip planning and stay tuned to [DumbartonBridgeInfo.org](http://DumbartonBridgeInfo.org) for updates throughout the closure.



## LIGHTING THE NEW BAY BRIDGE



### CUTTING-EDGE LIGHTING TO ILLUMINATE THE EAST SPAN

The new East Span will feature a state-of-the-art lighting system that was designed and fabricated specifically for the Bay Bridge. Comprised of more than 48,000 individual high-performance LEDs, the system will project light in the direction of travel, providing a uniform glow that will protect motorists from glare. The new system combines aesthetics with functionality, incorporating a pentagonal light pole design to complement the Self-Anchored Suspension Span's single tower. For more information, visit

[BayBridgeInfo.org/lighting](http://BayBridgeInfo.org/lighting).



We're also on



[Facebook.com/BayBridgeInfo](https://www.facebook.com/BayBridgeInfo) and



[Twitter.com/BayBridgeInfo](https://twitter.com/BayBridgeInfo)

Bay Bridge Public Information Office

311 Burma Road, Oakland, CA 94607

Tel: (510) 286-7167 email: [info@baybridgeinfo.org](mailto:info@baybridgeinfo.org)

Bay Bridge Community Liaison

Tel: (415) 286-1553

Copyright 2012 California Department of Transportation. All rights reserved.